

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023963.D
 Acq On : 26 Aug 2021 14:22
 Operator : JC/MD
 Sample : M3525-15RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 27 05:56:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

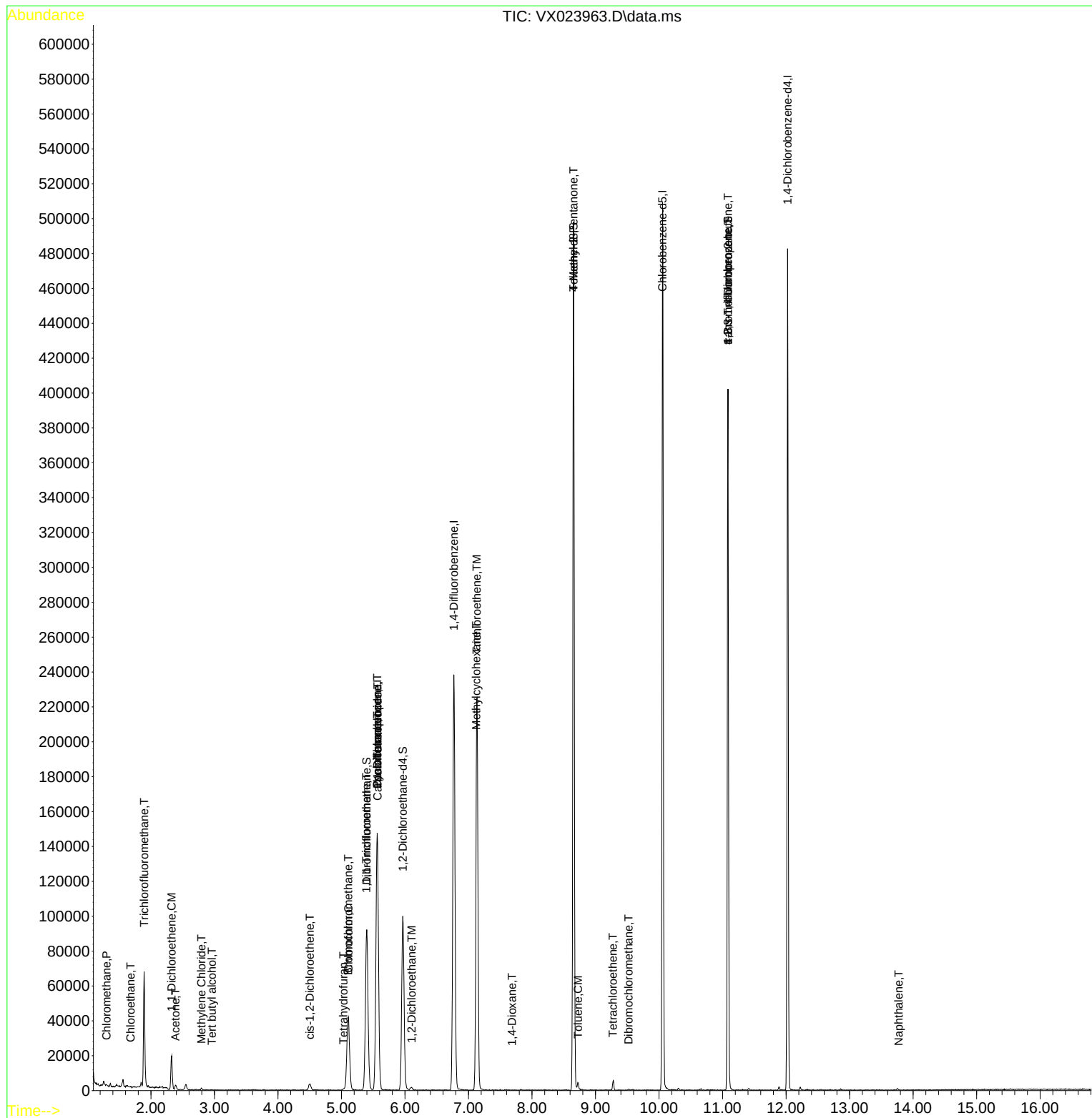
Internal Standards						
1) Pentafluorobenzene	5.562	168	136904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97954	51.265	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.520%	
35) Dibromofluoromethane	5.397	113	76386	48.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.820%	
50) Toluene-d8	8.653	98	277932	46.756	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.520%	
62) 4-Bromofluorobenzene	11.085	95	100703	46.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	319	0.201	ug/l #	82
6) Chloroethane	1.679	64	21	2.233	ug/l #	43
7) Trichlorofluoromethane	1.892	101	41095	16.827	ug/l	94
11) Tert butyl alcohol	2.959	59	114	0.295	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	6177	4.701	ug/l	94
16) Acetone	2.386	43	2842	3.327	ug/l #	80
20) Methylene Chloride	2.794	84	386	0.237	ug/l #	61
27) cis-1,2-Dichloroethene	4.501	96	2416	1.447	ug/l	92
28) Bromochloromethane	5.105	49	4552	3.730	ug/l #	9
29) Tetrahydrofuran	5.032	42	615	0.734	ug/l #	34
30) Chloroform	5.111	83	49176	17.304	ug/l	92
31) Cyclohexane	5.562	56	3353	1.366	ug/l #	25
32) 1,1,1-Trichloroethane	5.391	97	1726	0.709	ug/l #	45
36) 1,1-Dichloropropene	5.562	75	10967	5.019	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14344	6.295	ug/l #	18
39) Methylcyclohexane	7.123	83	1114	0.419	ug/l #	1
42) 1,2-Dichloroethane	6.105	62	1657	0.652	ug/l	83
44) Trichloroethene	7.129	130	86429	48.420	ug/l	99
49) 1,4-Dioxane	7.684	88	20	0.462	ug/l #	1
51) 4-Methyl-2-Pentanone	8.653	43	1420	0.523	ug/l #	1
52) Toluene	8.726	92	1280	0.306	ug/l	81
60) Dibromochloromethane	9.519	129	40	1.708	ug/l #	11
64) Tetrachloroethene	9.275	164	915	0.514	ug/l #	72
76) 1,2,3-Trichloropropane	11.085	75	53428	24.026	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53428	70.673	ug/l #	12
95) Naphthalene	13.774	128	109	1.298	ug/l #	69

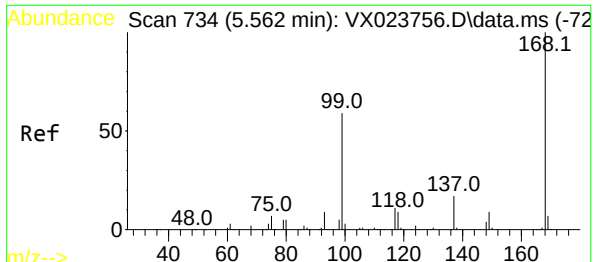
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
Data File : VX023963.D
Acq On : 26 Aug 2021 14:22
Operator : JC/MD
Sample : M3525-15RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 27 05:56:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

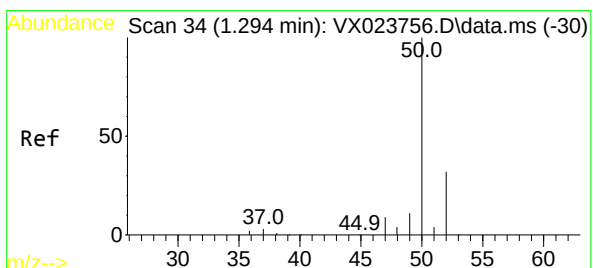
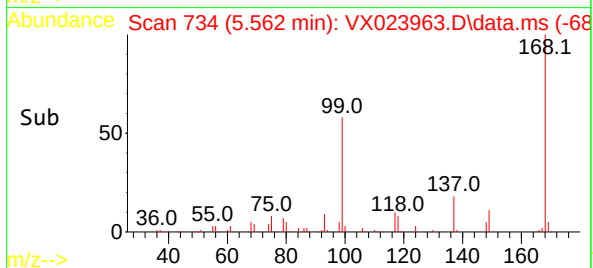
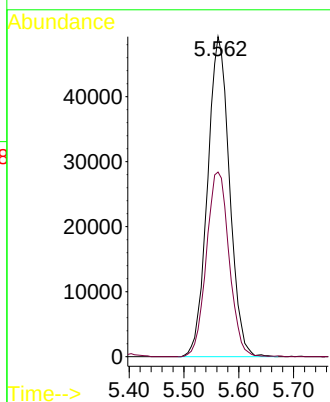
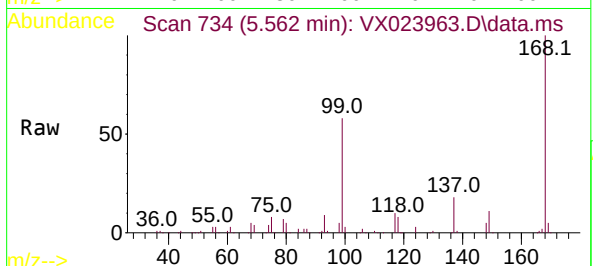




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

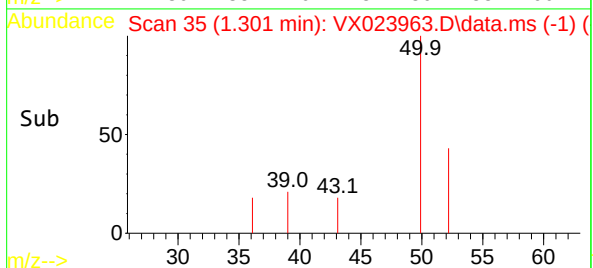
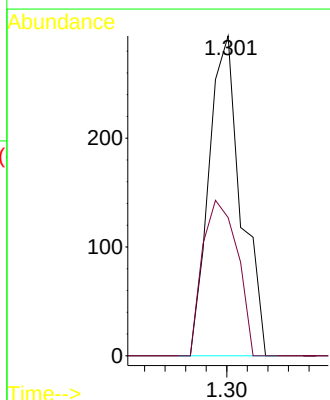
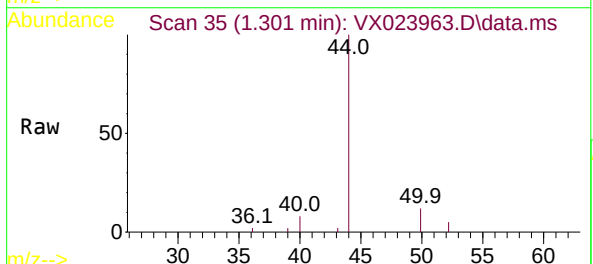
Instrument :
MSVOA_X
ClientSampled :

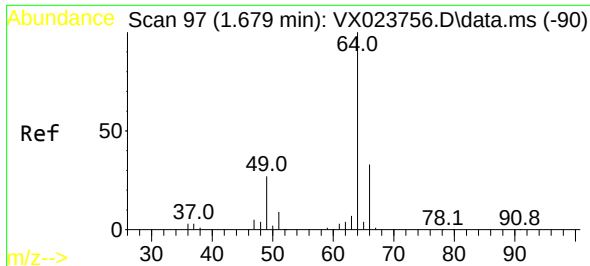
Tgt Ion:168 Resp: 136904
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion: 50 Resp: 319
Ion Ratio Lower Upper
50 100
52 43.2 26.4 39.6#

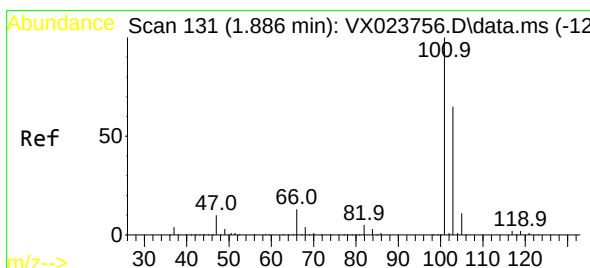
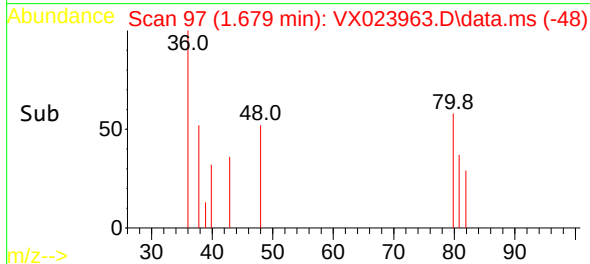
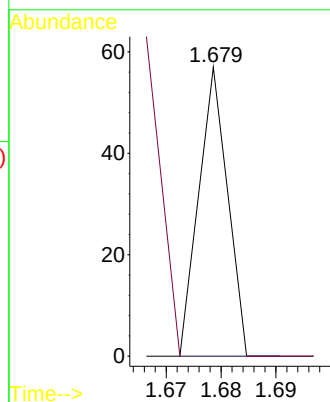
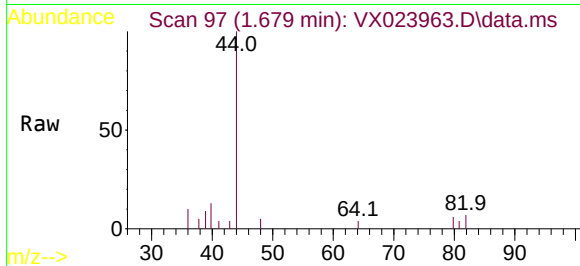




#6
Chloroethane
Concen: 2.233 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

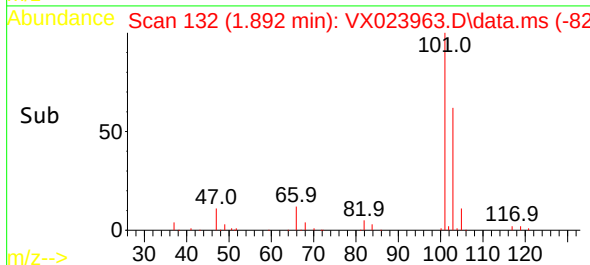
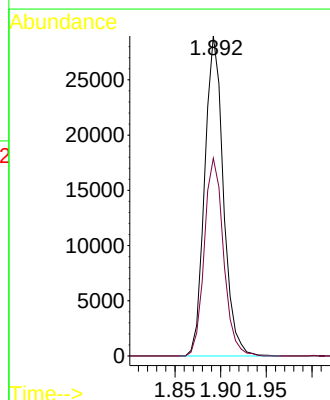
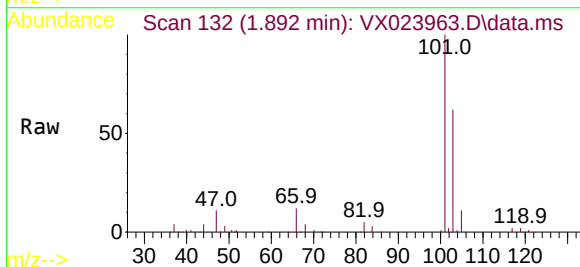
Instrument :
MSVOA_X
ClientSampled :

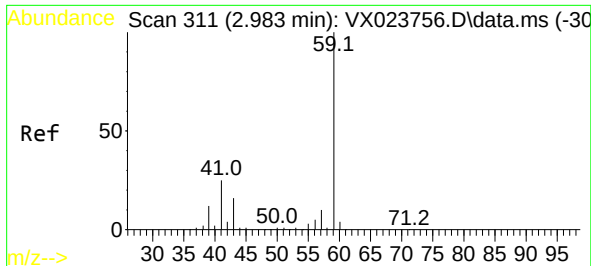
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#7
Trichlorofluoromethane
Concen: 16.827 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion:101 Resp: 41095
Ion Ratio Lower Upper
101 100
103 61.8 53.2 79.8

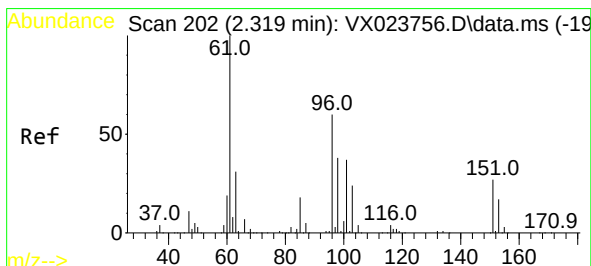
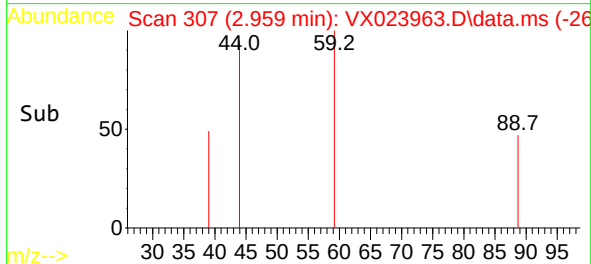
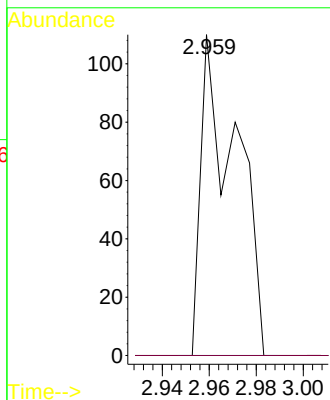
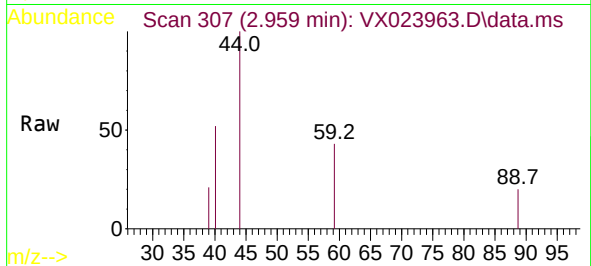




#11
Tert butyl alcohol
Concen: 0.295 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

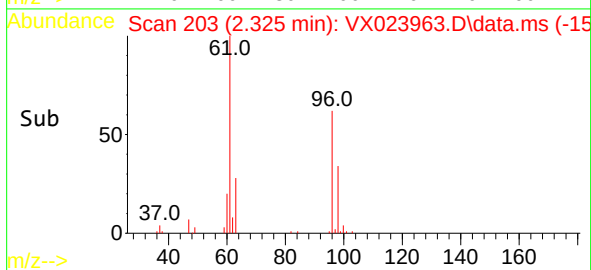
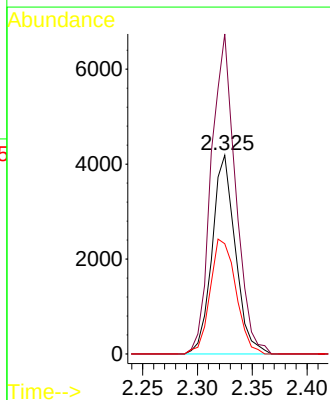
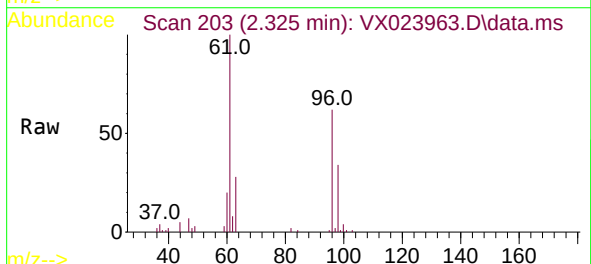
Instrument :
MSVOA_X
ClientSampled :

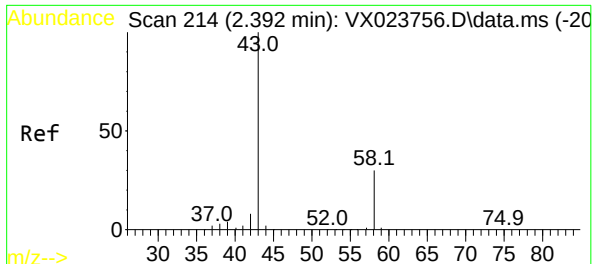
Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 4.701 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion: 96 Resp: 6177
Ion Ratio Lower Upper
96 100
61 161.1 124.6 187.0
98 55.5 50.6 76.0

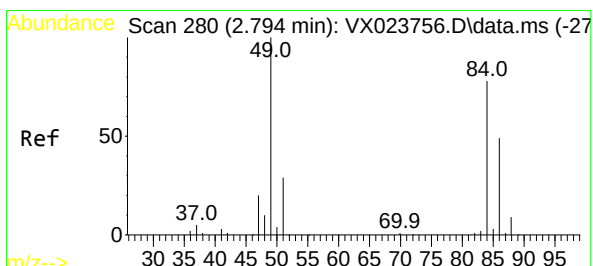
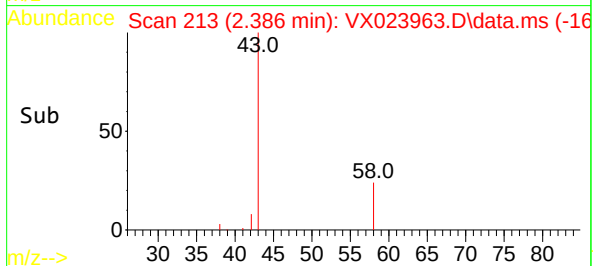
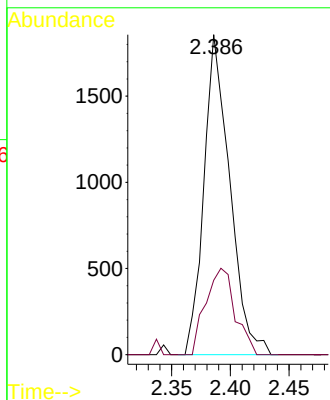
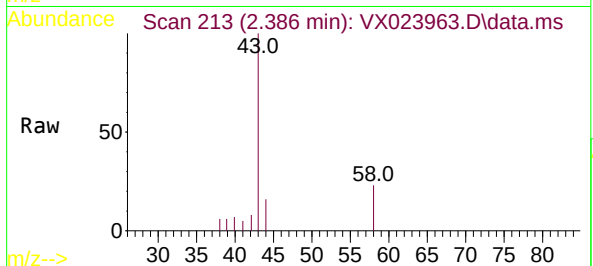




#16
Acetone
Concen: 3.327 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

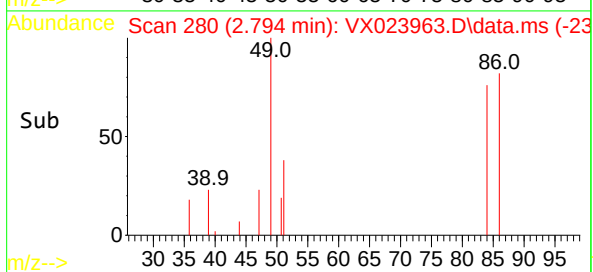
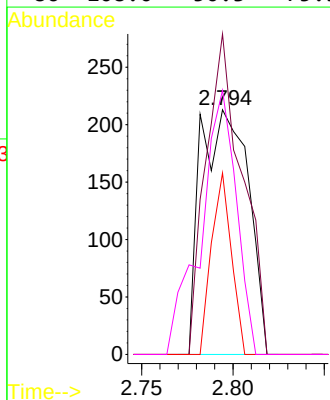
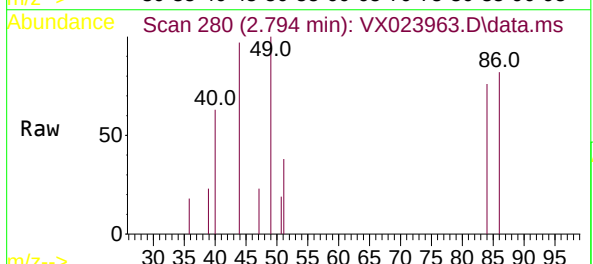
Instrument :
MSVOA_X
ClientSampled :

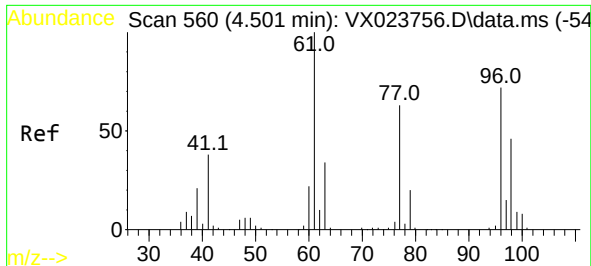
Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
58 23.3 27.8 41.8#



#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion: 84 Resp: 386
Ion Ratio Lower Upper
84 100
49 131.0 88.6 132.8
51 74.2 27.0 40.6#
86 108.0 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 1.447 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

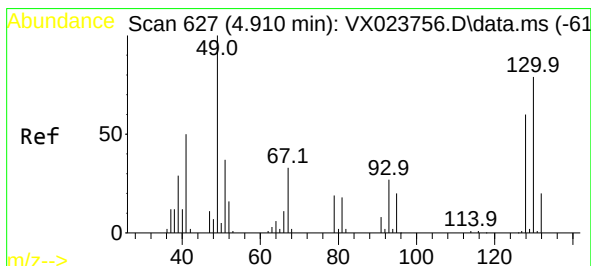
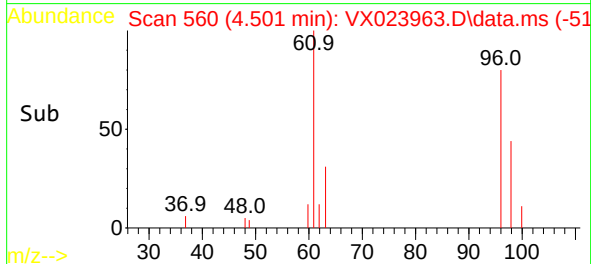
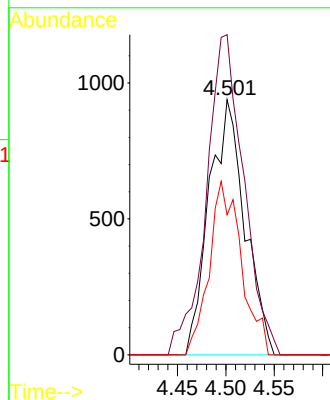
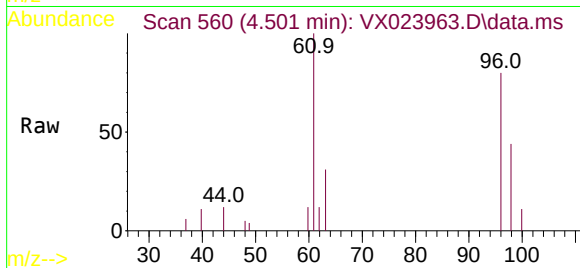
Lab File: VX023963.D

Acq: 26 Aug 2021 14:22

Tgt Ion: 96 Resp: 2416

Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	285.6
98	60.8	0.0	129.6

Instrument :
MSVOA_X
ClientSampled :



#28

Bromochloromethane

Concen: 3.730 ug/l

RT: 5.105 min Scan# 659

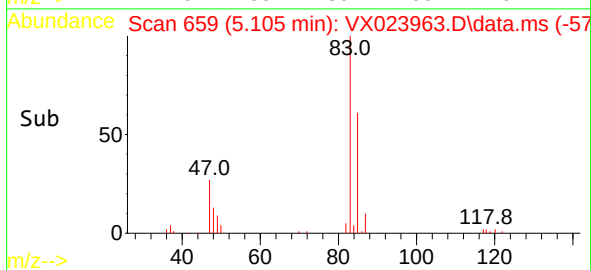
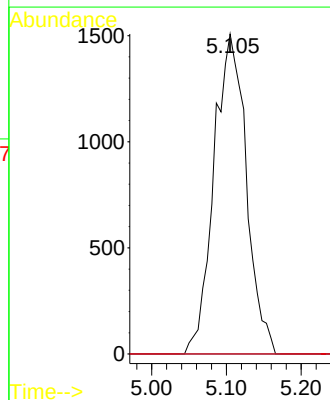
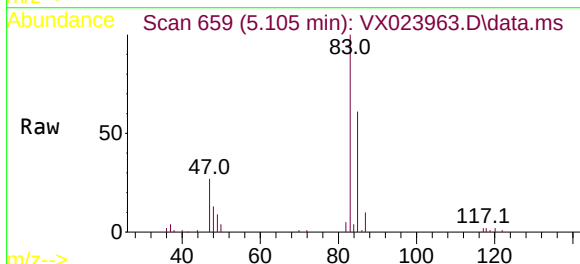
Delta R.T. 0.195 min

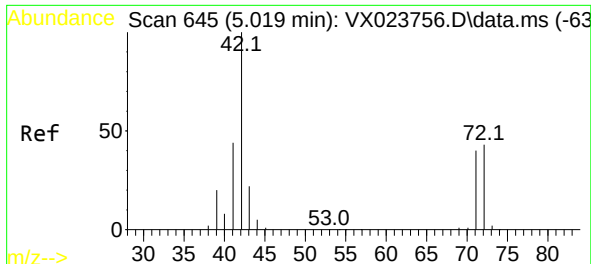
Lab File: VX023963.D

Acq: 26 Aug 2021 14:22

Tgt Ion: 49 Resp: 4552

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	68.2	102.2#

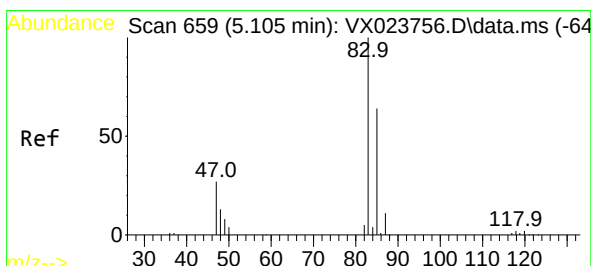
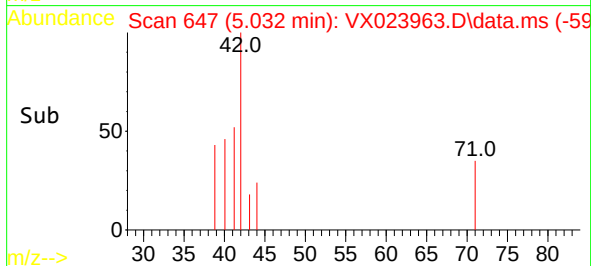
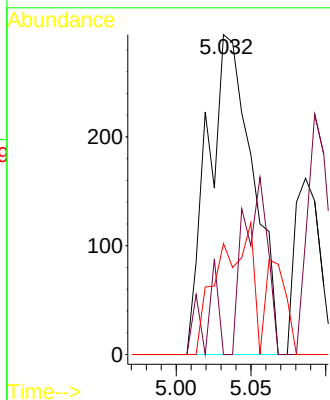
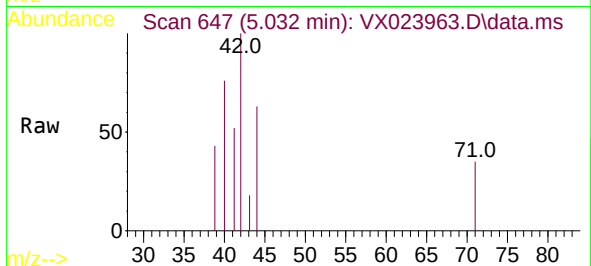




#29
Tetrahydrofuran
Concen: 0.734 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

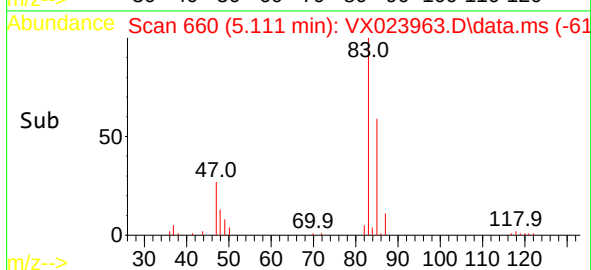
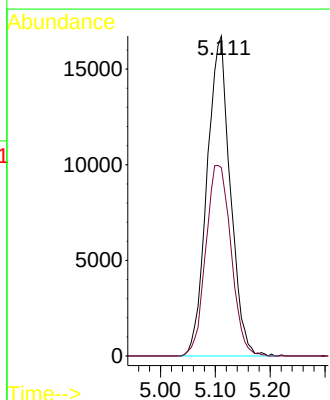
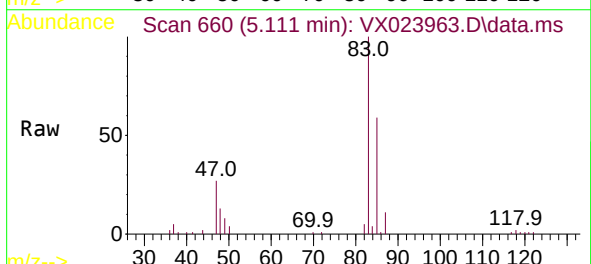
Instrument :
MSVOA_X
ClientSampled :

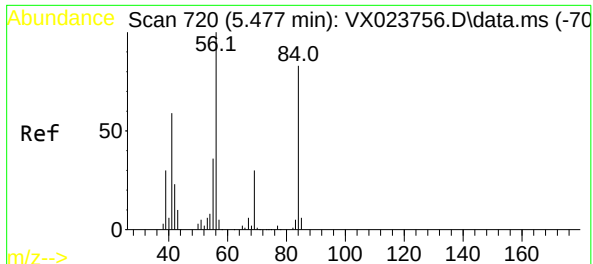
Tgt Ion: 42 Resp: 615
Ion Ratio Lower Upper
42 100
72 8.5 41.7 62.5#
71 0.0 38.4 57.6#



#30
Chloroform
Concen: 17.304 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

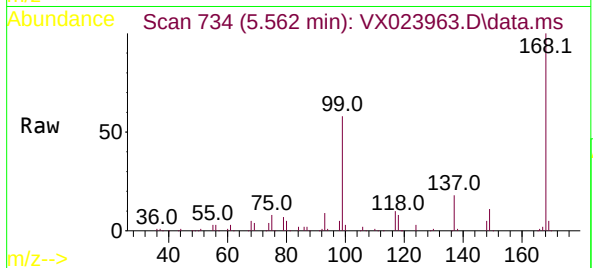
Tgt Ion: 83 Resp: 49176
Ion Ratio Lower Upper
83 100
85 58.9 52.0 78.0



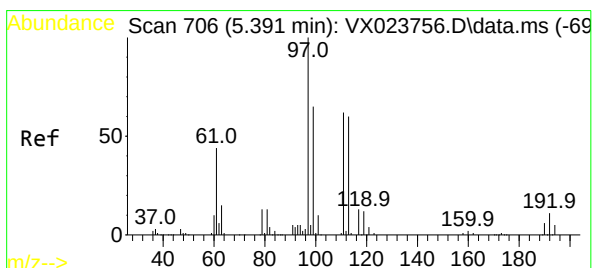
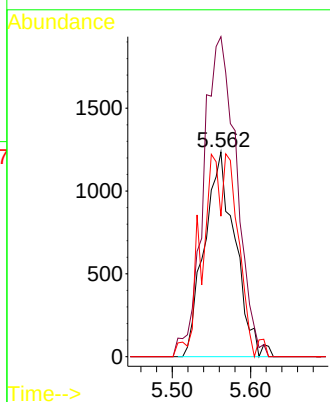
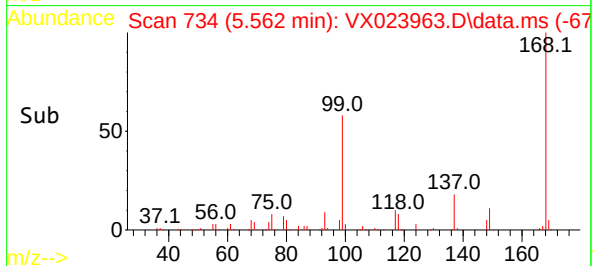


#31
Cyclohexane
Concen: 1.366 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

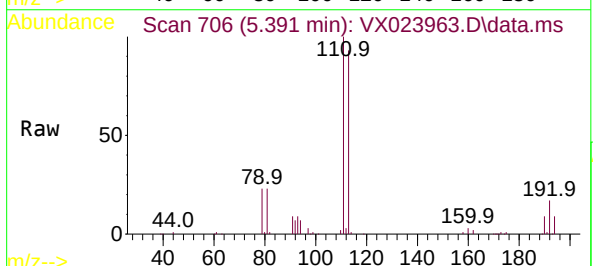
Instrument :
MSVOA_X
ClientSampled :



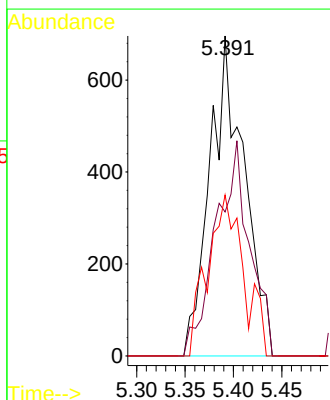
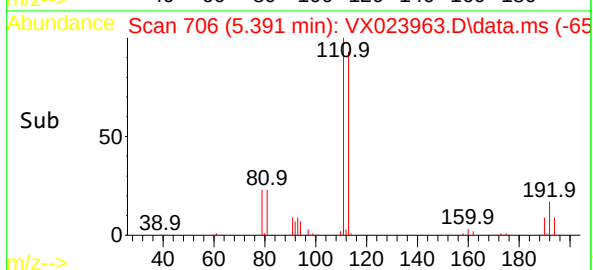
Tgt Ion: 56 Resp: 3353
Ion Ratio Lower Upper
56 100
69 156.3 25.3 37.9#
84 68.6 71.4 107.0#

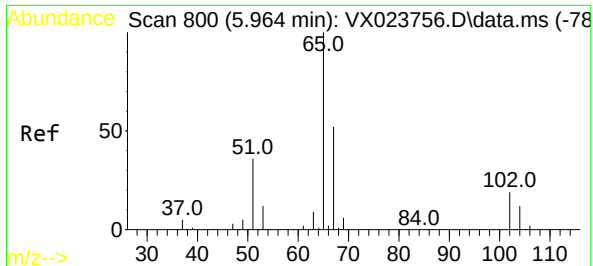


#32
1,1,1-Trichloroethane
Concen: 0.709 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22



Tgt Ion: 97 Resp: 1726
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 52.5 34.2 51.4#



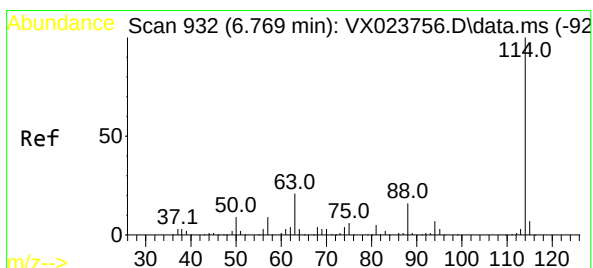
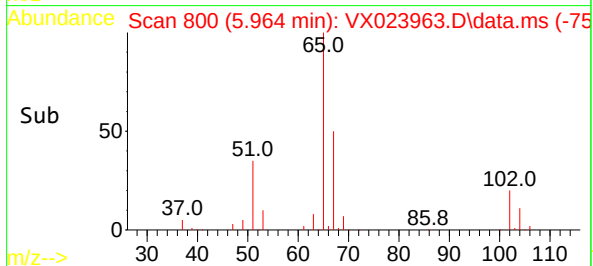
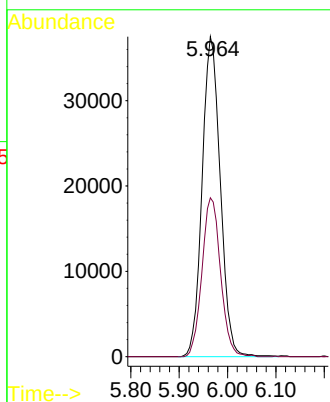
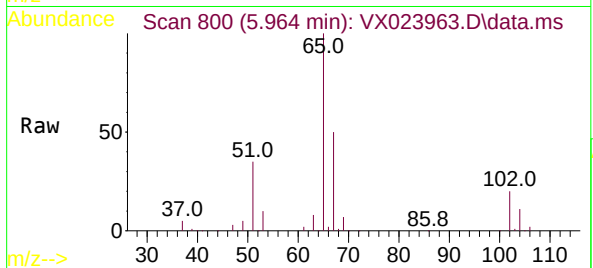


#33

1,2-Dichloroethane-d4
Concen: 51.265 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Instrument :
MSVOA_X
ClientSampleId :

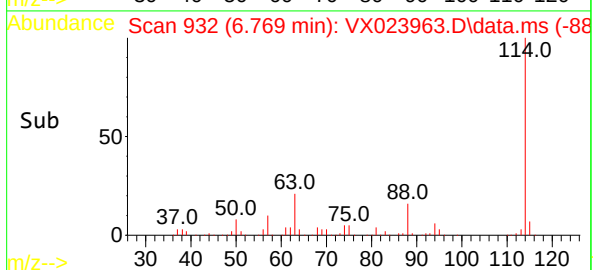
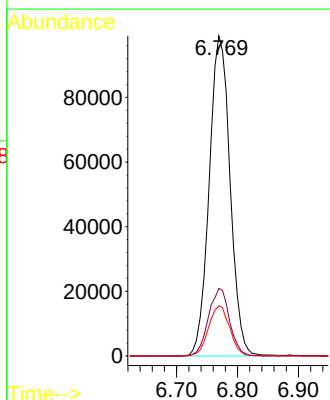
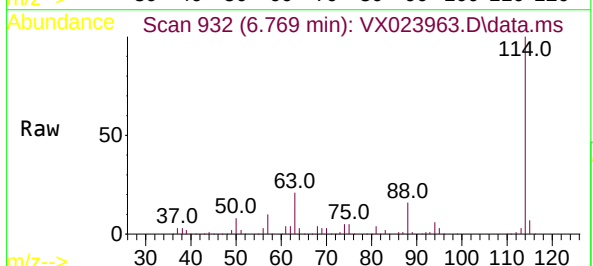
Tgt Ion: 65 Resp: 97954
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

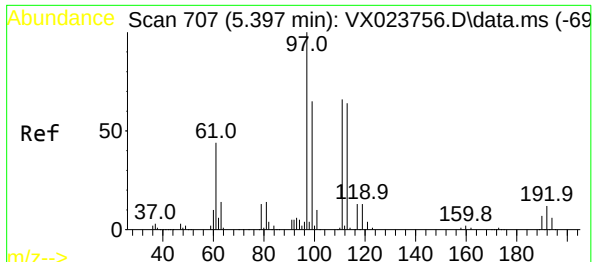


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion: 114 Resp: 235966
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.7 0.0 32.8

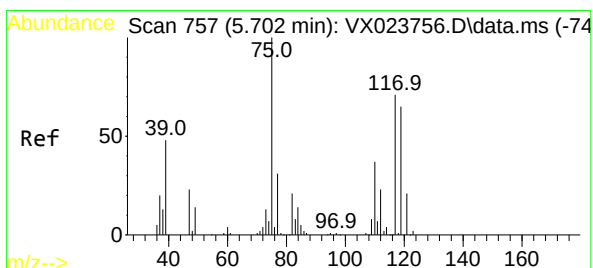
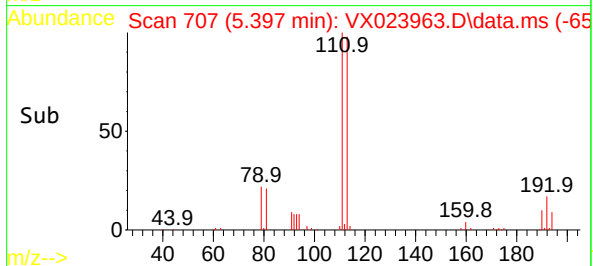
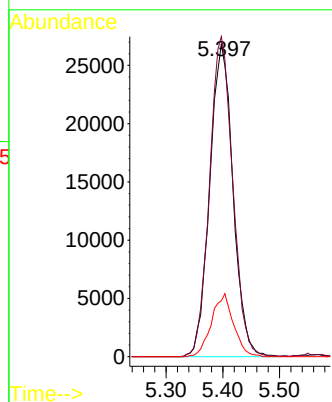
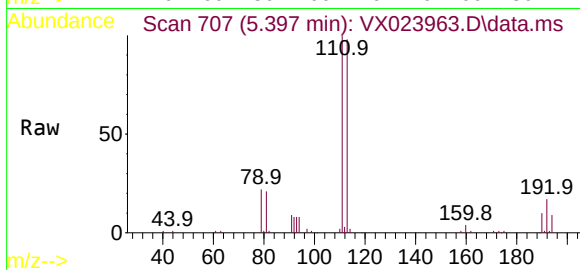




#35
Dibromofluoromethane
Concen: 48.909 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

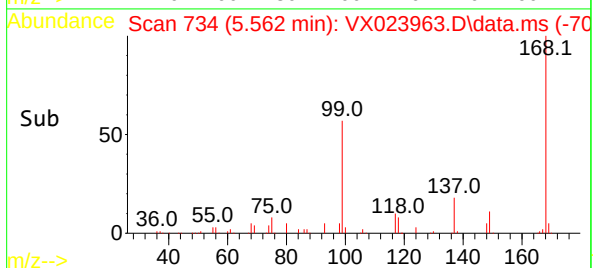
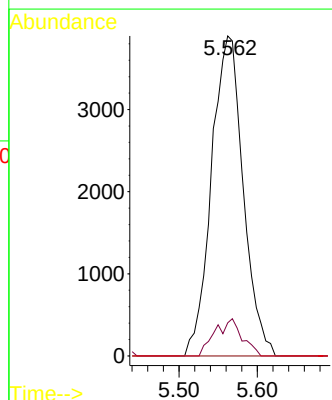
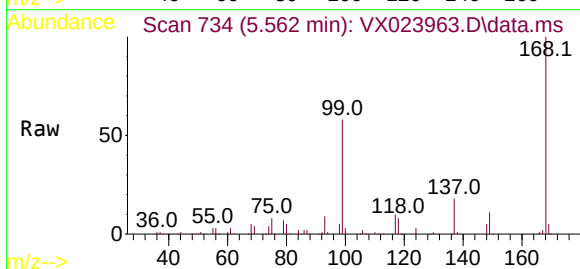
Instrument :
MSVOA_X
ClientSampled :

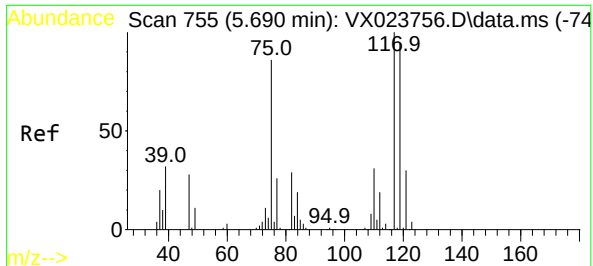
Tgt Ion:113 Resp: 76386
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.019 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

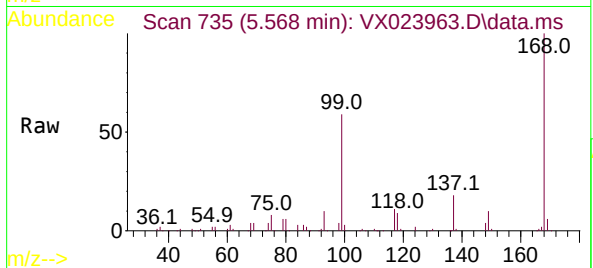
Tgt Ion: 75 Resp: 10967
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



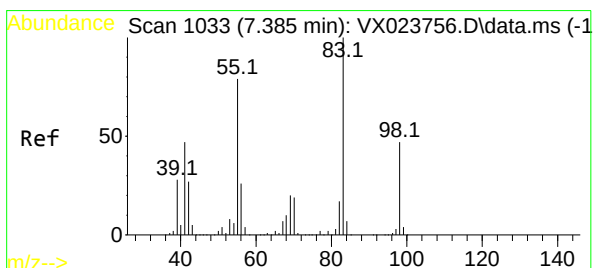
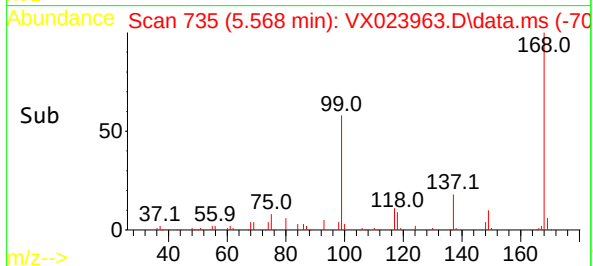
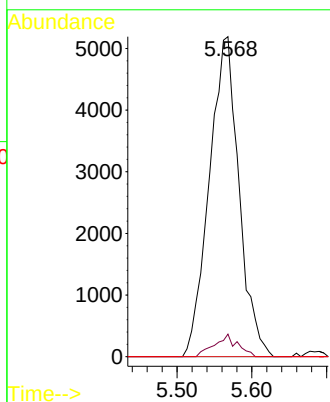


#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Instrument :
MSVOA_X
ClientSampled :

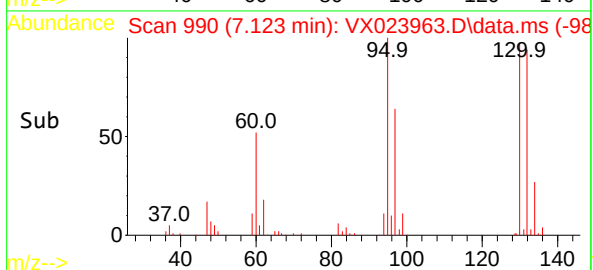
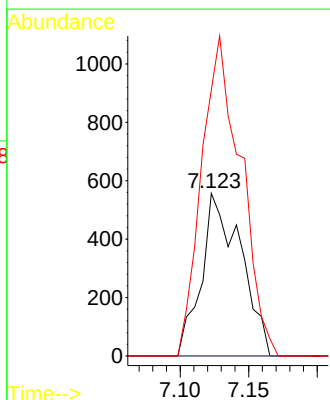
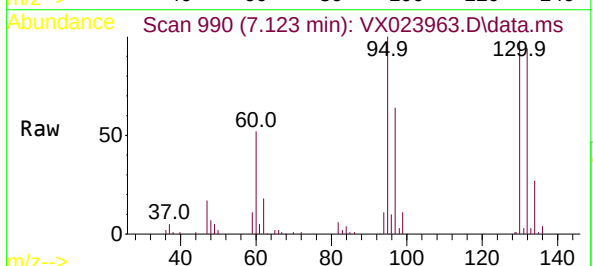


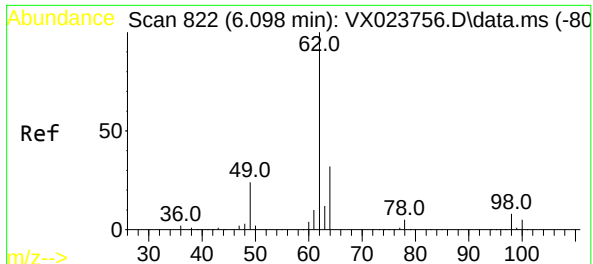
Tgt Ion:117 Resp: 14344
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.419 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion: 83 Resp: 1114
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 163.6 38.1 57.1#





#42

1,2-Dichloroethane

Concen: 0.652 ug/l

RT: 6.105 min Scan# 823

Delta R.T. 0.007 min

Lab File: VX023963.D

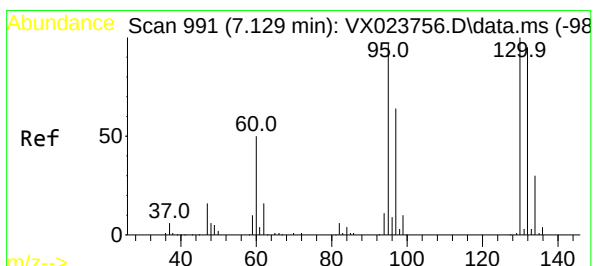
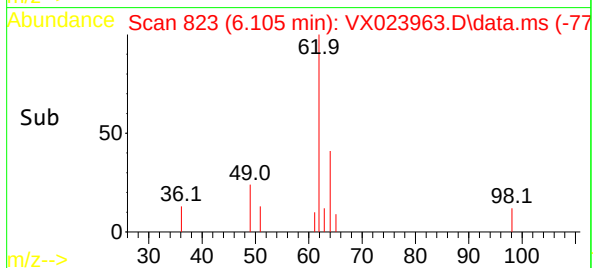
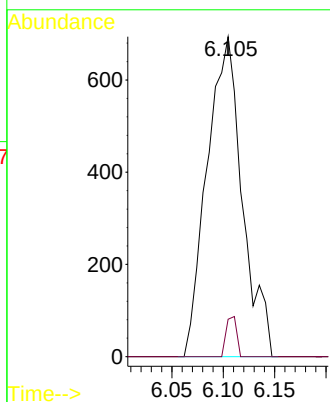
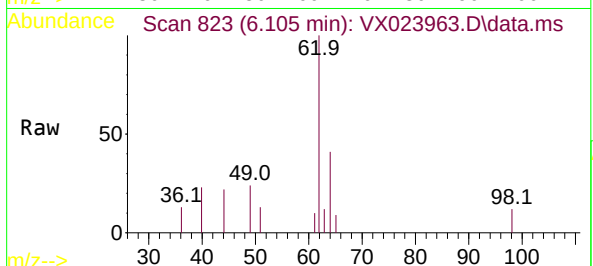
Acq: 26 Aug 2021 14:22

Tgt Ion: 62 Resp: 1657

Ion Ratio Lower Upper

62 100

98 3.7 0.0 20.2



#44

Trichloroethene

Concen: 48.420 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX023963.D

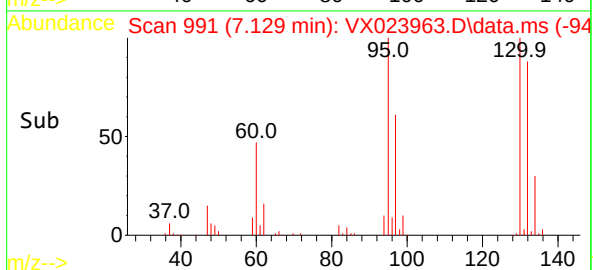
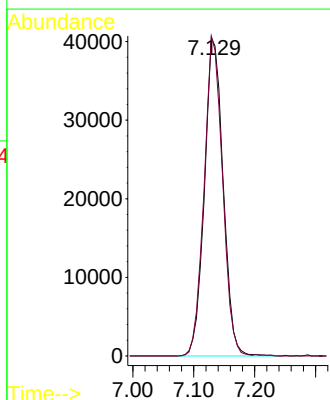
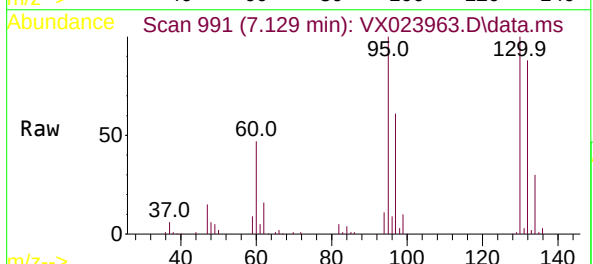
Acq: 26 Aug 2021 14:22

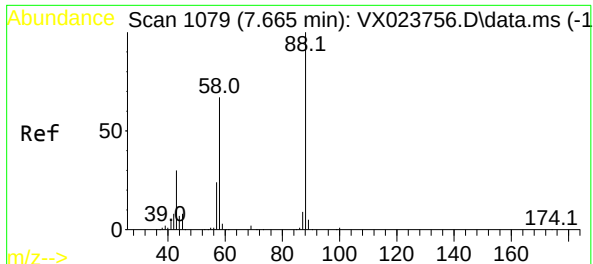
Tgt Ion: 130 Resp: 86429

Ion Ratio Lower Upper

130 100

95 100.5 0.0 198.0

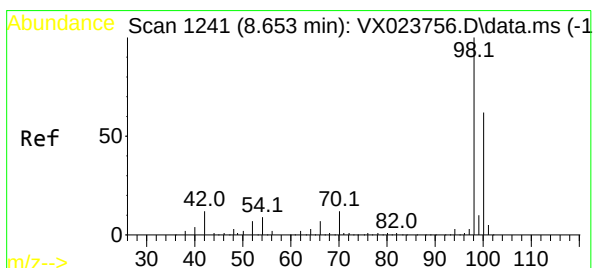
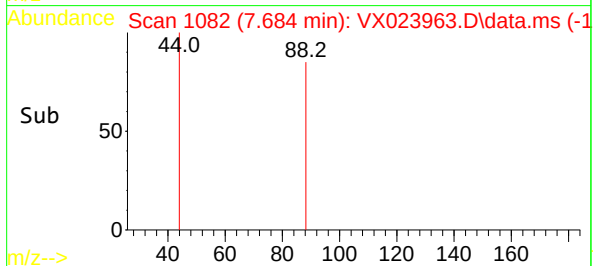
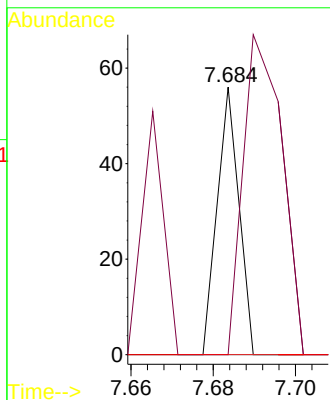
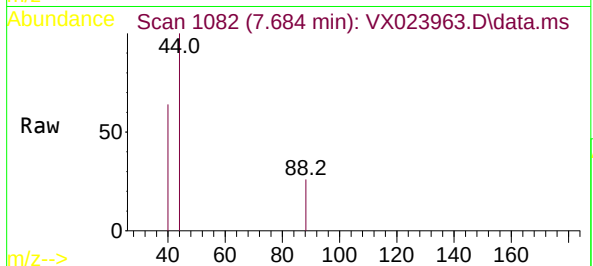




#49
1,4-Dioxane
Concen: 0.462 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.019 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

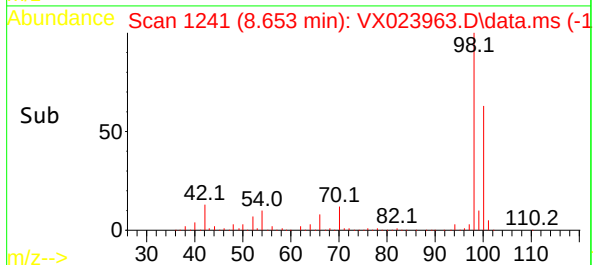
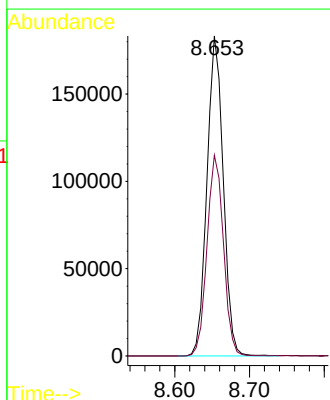
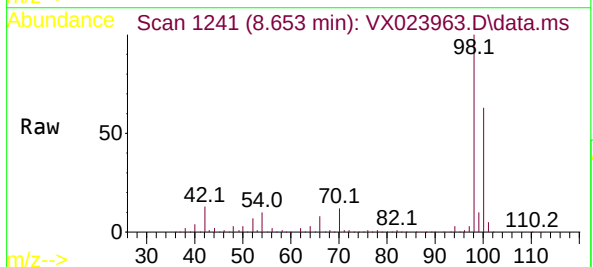
Instrument :
MSVOA_X
ClientSampled :

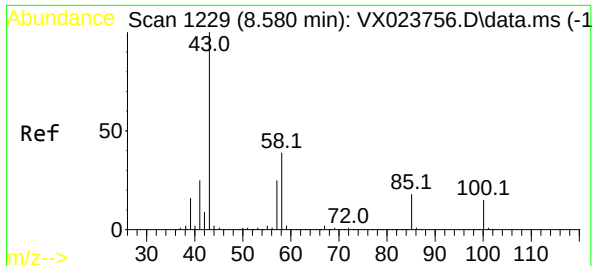
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 220.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 46.756 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion: 98 Resp: 277932
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

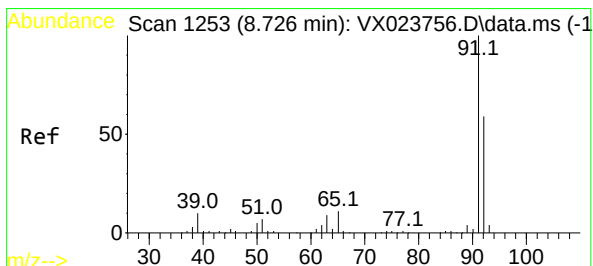
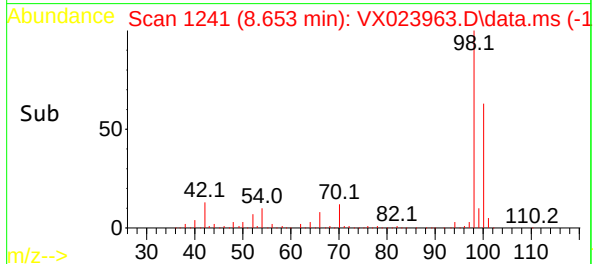
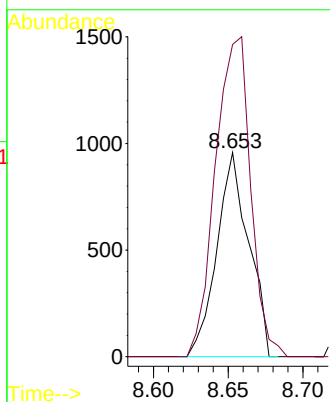
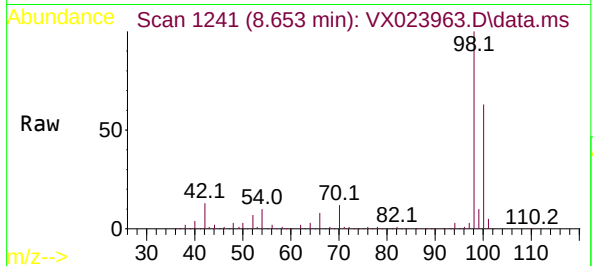




#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

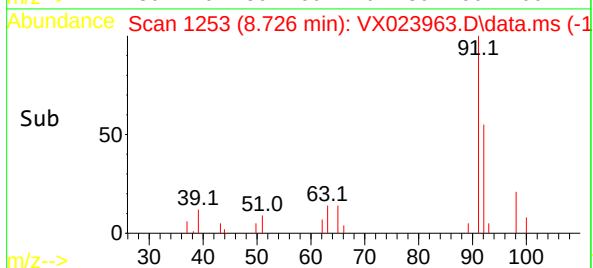
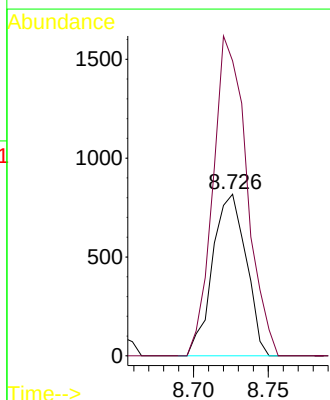
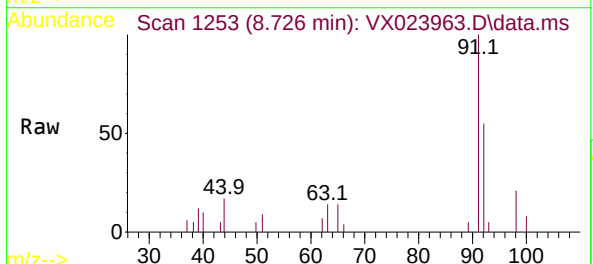
Instrument :
MSVOA_X
ClientSampled :

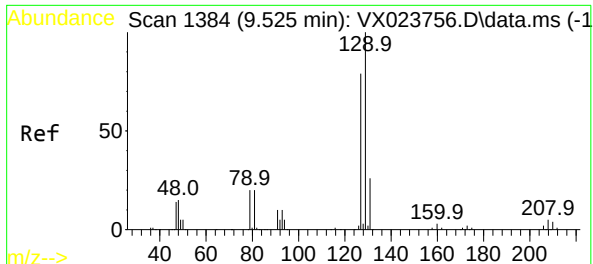
Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 173.1 35.4 53.0#



#52
Toluene
Concen: 0.306 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion: 92 Resp: 1280
Ion Ratio Lower Upper
92 100
91 198.0 137.1 205.7

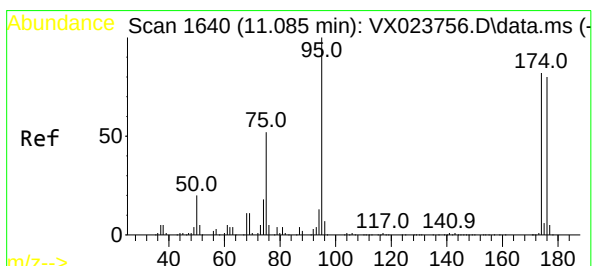
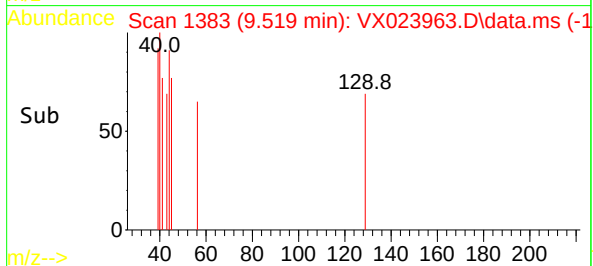
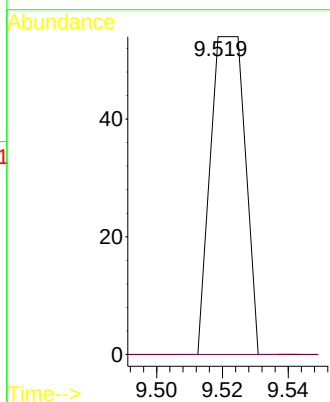
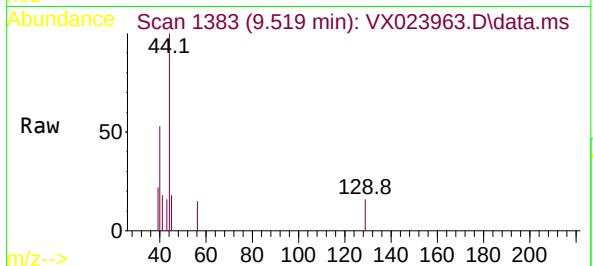




#60
Dibromochloromethane
Concen: 1.708 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

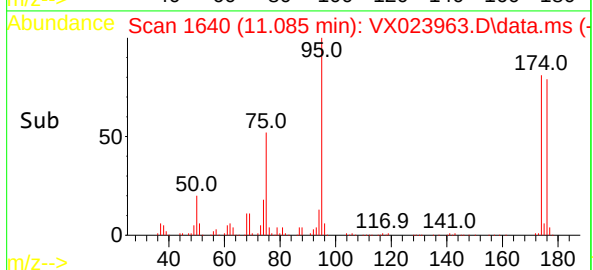
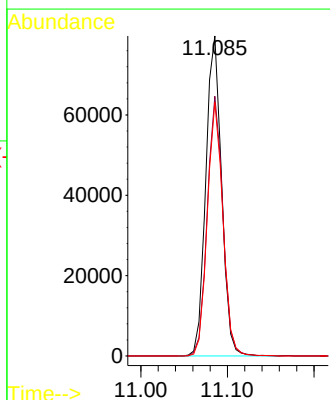
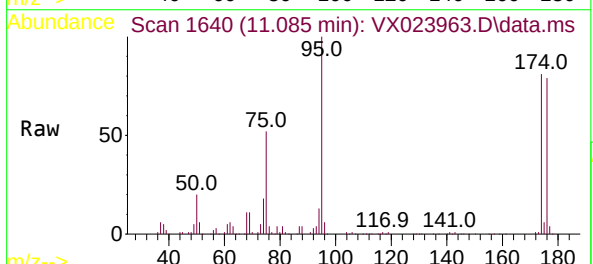
Instrument :
MSVOA_X
ClientSampled :

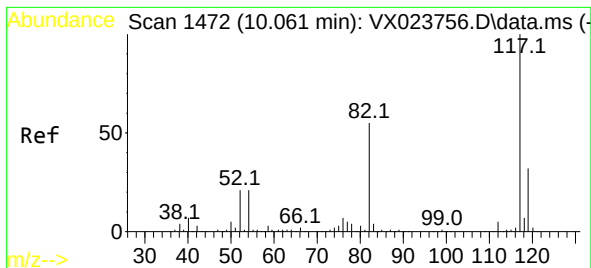
Tgt Ion:129 Resp: 40
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.020 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion: 95 Resp: 100703
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 78.3 0.0 155.8

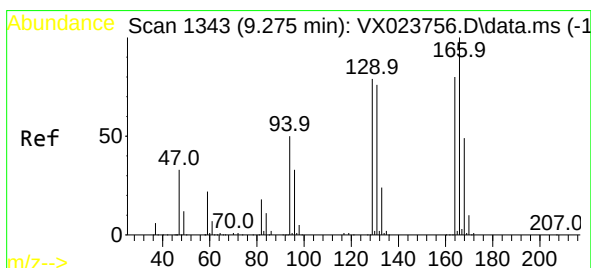
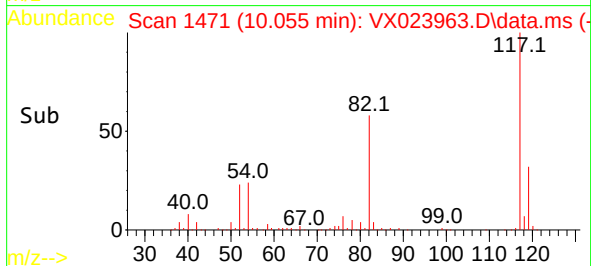
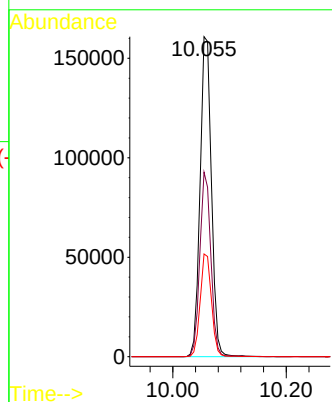
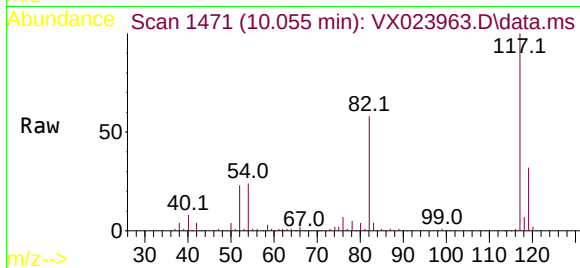




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

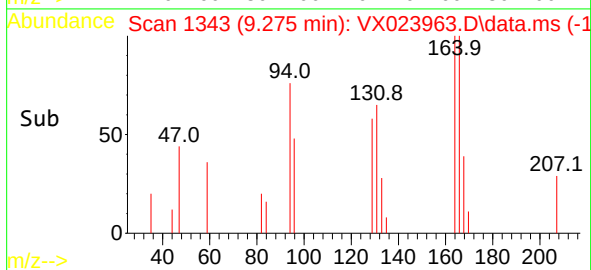
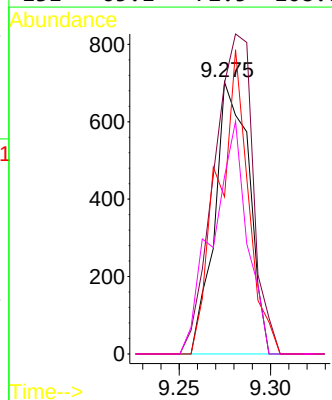
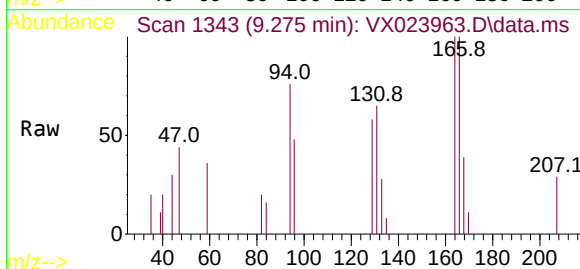
Instrument :
MSVOA_X
ClientSampled :

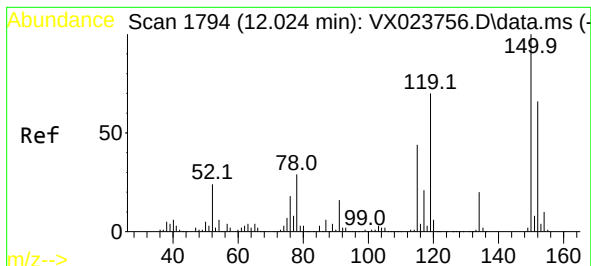
Tgt Ion:117 Resp: 223069
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 0.514 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion:164 Resp: 915
Ion Ratio Lower Upper
164 100
166 99.6 103.4 155.2#
129 57.8 70.8 106.2#
131 65.1 72.5 108.7#

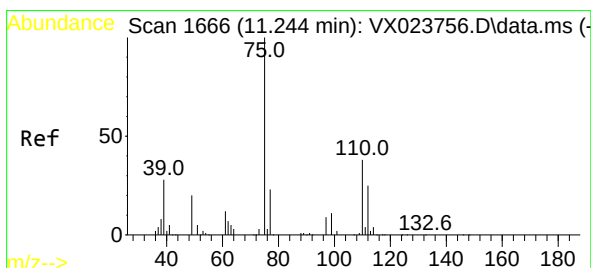
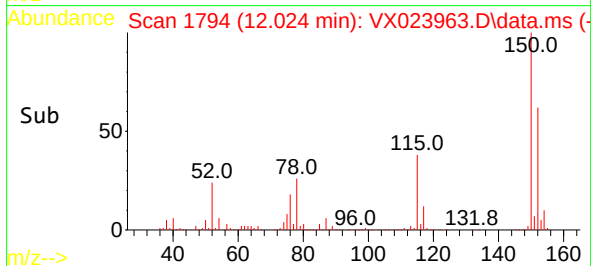
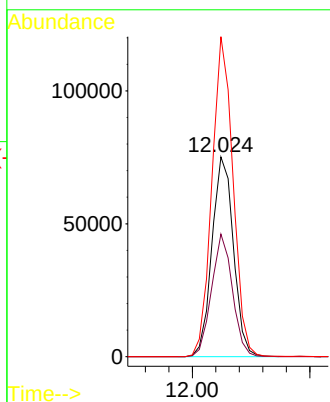
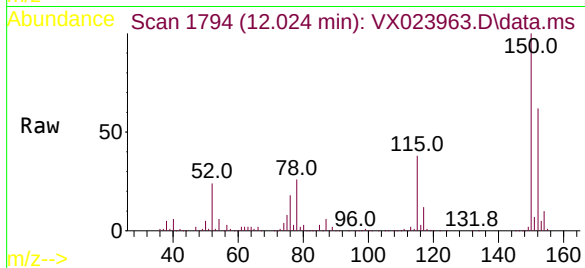




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

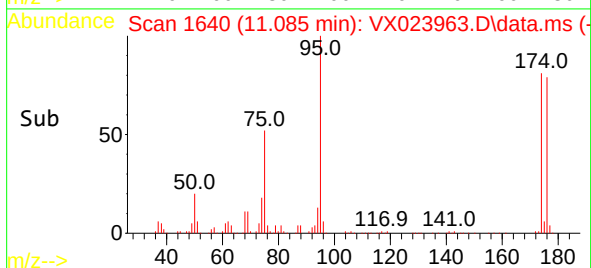
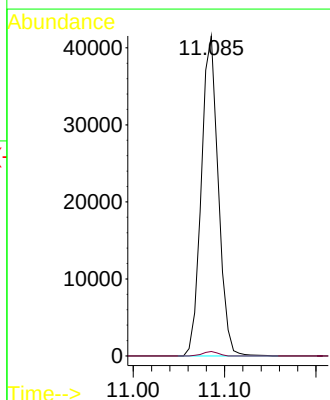
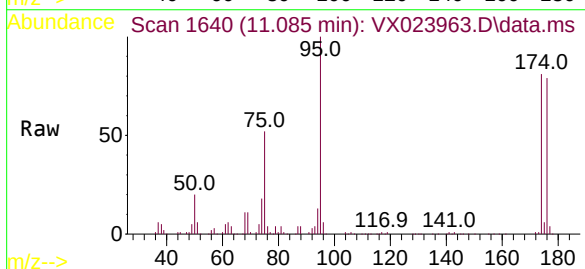
Instrument :
MSVOA_X
ClientSampled :

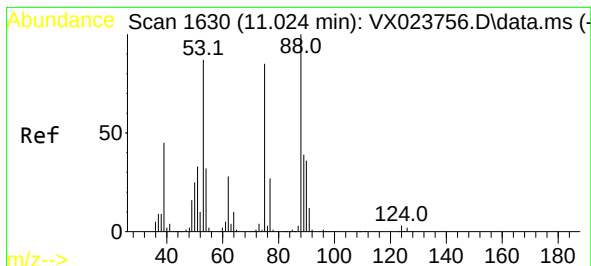
Tgt Ion:152 Resp: 95329
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 157.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.026 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion: 75 Resp: 53428
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

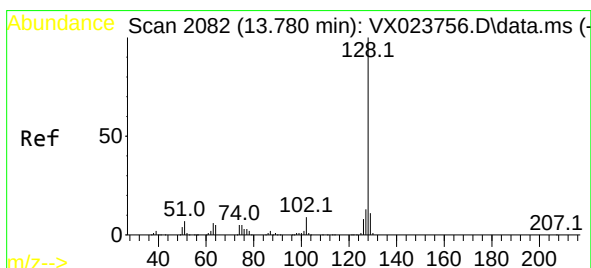
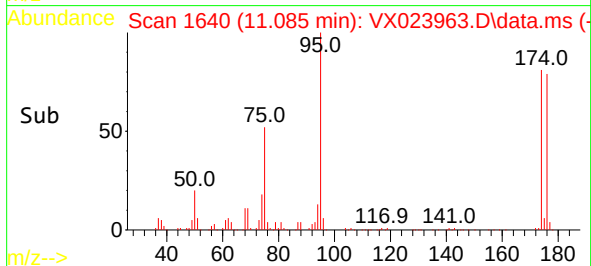
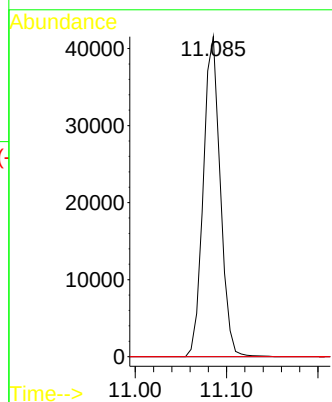
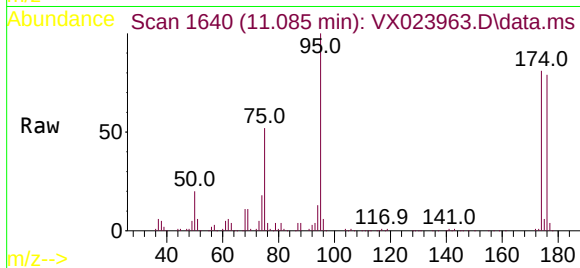




#81
trans-1,4-Dichloro-2-butene
Concen: 70.673 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 53428
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.298 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023963.D
Acq: 26 Aug 2021 14:22

Tgt Ion: 128 Resp: 109
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

